



AEROSPACE EDUCATION NEWSLETTER

A NEWSLETTER FROM THE AEROSPACE EDUCATION & TRAINING DIRECTORATE
NATIONAL HEADQUARTERS, CIVIL AIR PATROL
FEBRUARY 2003

NCASE

April 2-5, 2003

The National Congress on Aviation and Space Education (NCASE) 2003 will be held April 2-5 at the Hilton Cincinnati Netherland Plaza in Cincinnati, Ohio.

Confirmed speakers include Erik Lindbergh, Gus McLeod, David Cummock, Betty Geiger-Darst, Eric Boe, Dr. Jack Bacon, Jim Slade, and the Baltimore Museum of Industry.

In May of 2002, Erik Lindbergh, the grandson of Charles Lindbergh, successfully recreated his grandfather's flight from Farmingdale, NY to Paris, France in 17 hours, seven minutes ... 75 years after his grandfather.

Gus McLeod, in April of 2000, flew solo to the North Pole in an open cockpit bi-plane. His next challenge will be attempting to become the first person to circumnavigate the world from pole to pole alone as part of the Centennial of Flight celebration. Read more about Gus at <http://www.gusmcLeod.com>.

The Congress is the premier aerospace education conference of its kind in the nation. With a national standards-based program that addresses the needs of professional educators, NCASE is designed to help educators inspire their students to excel in science, math, technology, language arts,

social studies and other subjects. Educators are provided with:

- * Professional development for teachers at all grade levels with practical and fun hands-on/minds-on classroom activities.

- * Motivation for teaching wonders of aviation and space.

- * Unlimited and exciting networking opportunities.

The Congress is also where new Crown Circle for Aerospace Education Leadership members are inducted. Awards presented at NCASE include the A. Scott Crossfield Aerospace Education Teacher of the Year Award, the Frank G. Brewer Trophy administered by the National Aeronautic Association, and the Dr. Mervin K. Strickler, Jr. Aviation Leadership Award, administered by the National Coalition for Aviation Education.

This year's Congress will also be taking a field trip to the Air Force Museum at Wright-Patterson AFB in Dayton.

To register on-line for the conference, brewer luncheon, crown circle banquet, and/or aerospace museum trip visit <http://www.capnhq.gov/misc/whats-new.html> and select the link labeled **Early Registration for NCASE**.

We hope you'll join us at the conference for what promises to be an unforgettable experience. Looking forward to seeing all of you at NCASE 2003!!

Aerospace Education Academy for Cadets June 15-22, 2003

The first annual Aerospace Education Academy will be held at Oshkosh, Wisconsin, June 15-22, 2003. Forty cadets between the ages of 14-18 will spend time in a core curriculum consisting of aviation, aviation history, space, rockets and weather. Cadets will compete on a challenge course, go on a treasure hunt using a compass and a GPS, fly remote planes, fly in a simulator, work in sport air workshops, ride in both a CAP airplane and a tethered hot-air balloon, and much more. Visit <http://www.capnhq.gov/nhq/cp/cp/ncsa/aea.htm> for more complete information.

CAP National AE Officer Staff School June 26-28, 2003

The CAP National AE Officer Staff School will be held June 26-28, 2003 in Cocoa Beach, Florida. CAP members currently serving as a Region Director of Aerospace Education (DCS AE), Wing Director of Aerospace Education (DAE), or as an External or Internal Director of Aerospace Education are invited to attend. Visit the National AEO School at <http://ser.cap.gov/NationalAEOStaffSchool.htm> for the application form and agenda.

CAP Partnership with Space Day Initiative

As the nation prepares to commemorate the centennial of flight in the coming year, the award-winning **Space DaySM** educational initiative is launching activities to honor the previous 100 years of aviation and aerospace accomplishments and to inspire the next generation of inventors, aviators and explorers. **Space Day 2003SM** . . . **Celebrating the Future of Flight** will be celebrated on May 1, 2003.

Established in 1997, the **Space Day** initiative is dedicated to the advancement of science, math, engineering and technology by inspiring young people to realize the vision of our space pioneers. Each year, more than 75 **Space Day** Partners organize local events in communities across North America. In addition to the CAP, Partners include prestigious educational, nonprofit, governmental and youth organizations as well as leading cable, technology and aerospace companies.

The Civil Air Patrol, as a **Space Day** Partner, encourages all units to organize events and work with other **Space Day** Partners to make the most of their local events. In addition, cadets are encouraged to participate in **Space Day** school programs. An example of one event planned is the Challenger Learning Center at Paducah Community College that will host over 500 fifth grade students from western Kentucky and southern Illinois on Space Day 2003. Students will participate in a series of hands-on

activities. Partners include Civil Air Patrol, Golden Pond Planetarium, and NASA.

If your squadron or school group is participating in a Space Day activity, please send your name, the name of your squadron/group, the number of students participating, and a brief description of the activity to jstone@capnhq.gov for use in future newsletters.

To find out more about **Space Day** Partners, activities, *Design Challenges*, and online reporting of activities, log on to www.spaceday.com or call 270-534-6387.

Centennial of Flight Celebration 2003

Many events are planned for the commemoration of the 100 years of powered flight. The United States Air Force has just participated in the National Kickoff, which was held in Washington, D.C. on December 17, 2002, and the Rose Bowl festivities, which were held on January 1, 2003.

In the months ahead, Civil Air Patrol will be supporting the United States Air Force in several events. Refer to the December 2002 AE Newsletter for background information about the Centennial of Flight Celebration. Be sure to contact your RDAE to find out how your squadron can assist in the activities planned for this memorable year. The website <http://www.calsnet.net/usafcent> will have additional information about available events in your area.

Aerospace Education Foundation Grants Summer Deadline: June 30, 2003

The Air Force Association established the Aerospace Education Foundation (AEF) in 1956 to provide educational opportunities to America's youth. As part of their program the AEF provides CAP units the opportunity to receive up to \$250.00 in grant money once every other year. Since 1996 the AEF has provided over \$70,000 to CAP units to help fund their aerospace education programs.

Has your squadron applied for this grant? If your squadron has received a grant in the past, is it perhaps time to apply again? The deadline to submit applications for the summer competition is June 30, 2003. For details and the application form visit http://www.capnhq.gov/nhq/aerored/ETA/AE_Grants.htm.

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